

The invention relates to chemical industry, chemistry of organic synthesis, and can be used for producing polymer membranes, diffusion in particular. A method for obtaining diffusion membranes includes the membrane raw material preparing, forming, exposure with chemical substances, washing and drying. Additionally the membrane is subjected to heating, exposure and cooling, at that the heating temperature is set not more than 70°C , and the processing ratio will be not less than three. Consequently the membrane if exposure with triethylamine, 0.3...0.8 % solution of sodium hydrocarbonate and 1...1.5 % solution of hydrogen peroxide, their temperature is supported not less than 40°C . The membrane washing and drying is carried out after each exposure at the temperature not less than 60°C ; at that the drying is made with hot air.